

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

CD NO.

COUNTRY

East Germany

DATE DISTR. 17 March 1955

25X1

SUBJECT

Development of Automatic Teletype
Installations for East German
Power Plants

NO. OF PAGES

2

PLACE
ACQUIREDNO. OF ENCLS.
(LISTED BELOW)

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DATE OF
INFO.SUPPLEMENT TO
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. In late 1954, the East German Ministry for Machine Construction issued a development order for an automatic teletype switchboard to the Central Laboratory for Telecommunications Technology (Zentrallaboratorium fuer Fernmeldetechnik, ZLF), in Berlin-Treptow. This installation is intended for emergency communication among the East German power stations themselves and with the Ministry. The Ministry for Machine Construction stated that the expediting of this development order is of high strategic importance.
2. The installation under development intended for 10 subscribers. It is designated as an automatic dispatcher teletype switchboard (Dispatcher Fernschreibwahlvermittlung). Its purpose is to correct the undesirable existing situation, by which the East German power plants can communicate among themselves and with the Ministry by telephone only. The Ministry is of the opinion that telephone communications are insecure from two points of view: first, because telephone lines can be tapped easily; and, second, because, in general, no records of telephone conversations have been kept.
3. The installation is to use the regular telephone net for transmissions. The teletype transmissions over the telephone net are to use the frequency of 1500 Hz.
4. As of mid-January 1955, the ZLF was engaged in preparing the construction designs for the installation. When this work is completed, the ZLF is to build six of the installations. Four more are to be built by VEB Werk fuer Fernmeldewesen, in Arnstadt¹.
5. The Ministry for Machine Construction has specified that the racks of the teletype installations are not to exceed the height of 2.20 meters². The reason for this stipulation is that the installations are to be located in bunkers of the power plants which have only a little more than the height mentioned.

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Comments:

1. Not to be mistaken for the Arnstadt branch laboratory of the ZLF.
2. In general, the height of such installations is 2.60 meters.

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